



Oxygen and life support

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Accessories



10100 Series



10800 Series



289-601 / 289-701 / 289-801 Series



5020-01

Accessories	Part No.	Description
10100 Smoke Mask	10100 Series	Full-face demand oxygen mask. Provides 100% forward visibility and full 180° peripheral vision. Microphone optional. USE ONLY WITH 6379-2C and 6379-2D Demand Type Regulators.
10800 Smoke Mask	10800 Series	Same as above with positive pressure valve. Microphone optional. Use with either 6379-2C and 6379-2D Demand Type Regulators or with 800649-00 and 800649-01 Demand/Pressure-Demand Type Regulators. Note: When using the 10800 Series Pressure-Demand Mask with the "no.8" or "no.9" Respirator / Regulator for compliance with TSO C-99, a 22 cu. ft. cylinder shall be used.
Filler Coupling	5020-01	Filler coupling connects unit with standard source of oxygen for refilling (CGA 540).
Airline Passenger Masks	289-601 Series 289-701 Series 289-801 Series	Passenger masks for airline and executive aircraft.
Bracket Assembly	36758-11 Cradle 36758-12 Latch Lock	Lightweight assembly designed to secure 4.25 to 11.0 cu. ft. portable oxygen cylinders.



AVOX Systems

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5600 Series
Portable Oxygen System



The AVOX Systems 5600 Series Portable Oxygen System is a self-contained breathing system offering demand, pressure-demand and constant flow capabilities. It provides high efficiency supplementary oxygen and respiratory protection for aviation use.

The demand and pressure-demand regulators operate with the optional 10100/10800 Smoke Mask to protect the crew while allowing emergency duties to be carried out. The constant flow operation provides high altitude supplementary oxygen for up to two passengers or crew when needed. Masks are not included with the system.

The 5600 Series is lightweight and easy to operate. DOT approved cylinder capacities range from 4.3 to 48.3 cubic feet.

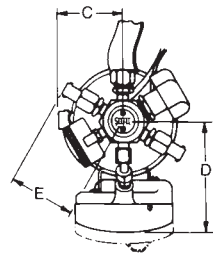
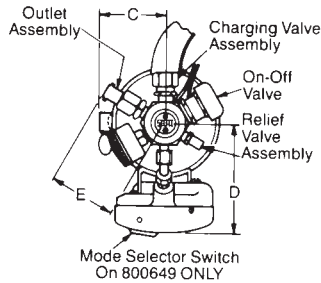
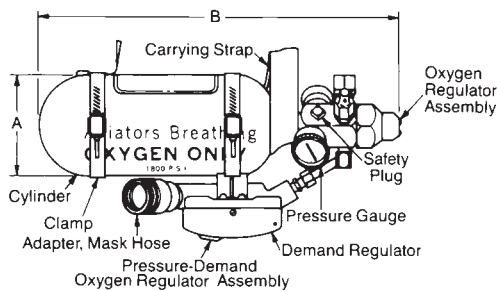


AVOX Systems



Outstanding Features

- DOT 3AA1800 rated oxygen cylinders ranging from 4.3 cubic feet to 48.3 cubic feet
- Up to 2 constant flow outlets (second is optional)
- A relief valve protects the low-pressure system from overpressurization
- Fingertip controlled on-off valve
- Pressure gauge indicating oxygen supply
- High-pressure safety relief device
- Demand or pressure-demand regulator
- Sling-type carrying strap



Dimensions						
Cylinder Capacity cu.ft.(liters)	Weight Charged	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E
4.25 (120)	6.46 lbs. / 2.94 kg	3-9/16	12.98	2-9/32	3-7/8	2-1/2 (P/N 5009)
7.15 (202)	7.89 lbs. / 3.59 kg	3-9/16	17.10	2-9/32	3-7/8	2-11/16 (P/N 5041)
11.0 (311)	10.21 lbs. / 4.64 kg	3-9/16	22.60	2-9/32	3-7/8	—
22.0 (623)	16.18 lbs. / 6.96 kg	5-1/4	22.60	3-1/8	4-3/4	2-9/16 (P/N 5507)
38.4 (1087)	22.78 lbs. / 10.33 kg	6-3/4	23.35	3-7/8	5-1/2	2 (P/N 802856-01)
48.3 (1368)	30.56 lbs. / 13.86 kg	6-3/4	27.60	3-7/8	5-1/2	2-1/4 (P/N 36728-01)

NOTE: All dimensions above are in inches.

Average Duration (Minutes)				
If Constant Flow Outlet Is Used @ 20,000 ft. (609 m)				
Model Number	(2 lpm) Outlet STPD	(3 lpm) Outlet STPD	(4 lpm) Outlet STPD***	* If Demand Flow Outlet is Used
5600A (4.25 cu.ft.) 120 liters NTPD**	46	32	25	Approx. 6
5600B (7.15 cu.ft.) 202 liters NTPD**	78	55	43	Approx. 10
5600C (11 cu.ft.) 311 liters NTPD**	120	84	66	Approx. 15
5600D (22 cu.ft.) 623 liters NTPD**	240	168	133	Approx. 30

Note: The average duration for cylinder sizes not shown are proportional to those presented for the above listed cylinders.
* Duration varies with altitude; durations shown are at ground level, at a ventilation rate of 20 lpm, BTPS • **NTPD – Normal Temperature Pressure Dry 14.7 psia 70 °F
***STPD – Standard Temperature Pressure Dry 14.7 psia 32 °F

Ordering Information

5600 is a basic model number. This chart illustrates the combinations that are available. To order, fill in the necessary building block numbers and letters needed to indicate the complete part number. Note that the Constant Flow Outlet Setting column will require two letters if two outlets are required. For further information regarding cylinders, outlets, masks, etc., see the appropriate catalog sheet.

Basic Number 5600

Respirator Regulator		Cylinder & Pressure Regulator Assembly			Cylinder Finish		Harness Sling		Constant Flow Outlet Setting at 14.7 PSI at 0°C		Desired Operating Altitude		Outlet Style					
NO.	REGULATOR	LTR.	CYL. CAP (cu. ft.)	REGULATOR P/N	NO.	COLOR	LTR.	DWG. NO.	LTR.	FLOW (lpm)	NO.	FEET	LTR.	PART NO.				
1	6379-2C DEMAND TYPE threaded adapter for 6210 coupling. Use with 10100 Series Masks.	A	4.25	5510-10	1	Gray-Green w/Lettering	A	801660-00	A	.5	0	0	A	5009-AN*				
2	6379-2D DEMAND TYPE adapter for "AN" quick coupling. Use with 10100 Series Masks.	B	7.15	5510-10	2	Per MIL STD 101B	B	801658-00	B	2	5	5,000	B	5041-ARO*				
		C	11.0	5510-10	3	Blue	C	801662-00	C	2.5	10	10,000	D	5507-PURITAN*				
8	800649-00 DEMAND/PRESSURE-DEMAND TYPE threaded adapter for 6210 coupling. Use with 10800 Series Masks ONLY	D	22.0	5510-13			D	801660-01	E	3	15	15,000	E	8572-AVOX**				
		F	38.4	5510-13	5	Green-Yellow	F	4	20	20,000	K	6818-PLUG						
		G	48.3	5510-13			G	7	23	23,000	M	802856-01 (PURITAN)**						
		J*	4.25	5510-15	6	Wakefield Green	F	801660-05	H	8	25	25,000	N	36728-01 (EROS)**				
9	800649-01 DEMAND/PRESSURE-DEMAND TYPE adapter for "AN" quick coupling. Use with 10800 Series Masks ONLY	L*	7.15	5510-15	9	Green with Placards			L	4.5	30	30,000						
		M*	11.0	5510-15					X	0								
		N	22.0	5510-18					Y	Full Flow								
		P*	22.0	5510-19					Full Flow				* Constant Flow ** Full Flow					
		*NOTE: When two (2) constant flow outlets are required, use these cylinder and regulator assembly letters.																

WARNING

IMPROPER USE OR IMPROPER MAINTENANCE OF THIS EQUIPMENT MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH. THIS EQUIPMENT IS INTENDED TO BE USED ONLY FOR AVIATION APPLICATIONS AND IS TO BE USED ONLY BY, OR UNDER THE SUPERVISION OF, A PILOT OR CREW MEMBER TRAINED AND QUALIFIED IN ITS USE. THIS EQUIPMENT IS TO BE SERVICED ONLY IN ACCORDANCE WITH THE APPLICABLE COMPONENT MAINTENANCE MANUAL AVAILABLE FROM AVOX SYSTEMS

AND ONLY BY SERVICE TECHNICIANS TRAINED IN THE INHERENT HAZARDS OF HIGH-PRESSURE AVIATION OXYGEN AND KNOWLEDGEABLE IN THIS EQUIPMENT. THE NAMES OF AUTHORIZED SERVICE CENTERS ARE AVAILABLE FROM AVOX SYSTEMS OR YOUR AUTHORIZED AVOX SYSTEMS DISTRIBUTOR. THIS EQUIPMENT SHALL BE USED ONLY WITH AVIATOR'S BREATHING OXYGEN MEETING THE REQUIREMENTS OF MIL-PRF-27210.